

Datasheet: AHP2728

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| Description: | RABBIT ANTI FATTY ACID SYNTHASE |
| Specificity: | FATTY ACID SYNTHASE |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 50 µl |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Paraffin | ▪ | | | 1/50 - 1/100 |
| Western Blotting | ▪ | | | 1/200 - 1/2000 |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Antiserum Preparation Antiserum to fatty acid synthase was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative 0.02% Sodium Azide

Stabilisers 50% Glycerol

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 2212-2511 of human fatty acid synthase

External Database

Links

UniProt:

[P49327](#) [Related reagents](#)

Entrez Gene:

[2194](#) FASN [Related reagents](#)

Synonyms FAS

Specificity Rabbit anti fatty acid synthase antibody recognizes fatty acid synthase (FASN), also known as

3-oxoacyl-[acyl-carrier-protein] synthase. It is a homodimerized protein and each monomer is comprised of six separate enzymatic domains. Fatty acid synthase functions to synthesize the 16-carbon saturated fatty acid palmitate from acetyl-CoA and malonyl-CoA ([Buckley et al. 2017](#)). It can be phosphorylated by mTOR ([Jensen-Urstad et al. 2013](#)) and HER2 ([Jin et al. 2010](#)).

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| Western Blotting | Rabbit anti fatty acid synthase antibody detects a band of approximately 275 kDa in H460 and 293T cell lysates under reducing conditions |
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| Storage | Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |
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| Guarantee | 12 months from date of despatch |
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| Health And Safety Information | Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf |
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| Regulatory | For research purposes only |
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Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

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|----------------------------------|---|------------------|---|---------------|---|
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